

Prior to examination of the above-identified new national phase patent application, please amend the application, as follows:

In the Claims

~~Please amend claims 1-10 to read as follows:~~

- 209110-04806860
1. A contour collimator for radiation therapy comprising a plurality of diaphragm elements having two sides and a first and second terminal portion wherein the diaphragm elements are arranged in a fan formation and are arranged movably with respect to each other, such movement being powered by a drive unit for each diaphragm element; and wherein the diaphragm elements are supported only on the first terminal portion of the diaphragm element that is positioned near the drive unit.
  2. The contour collimator according to claim 1, wherein the first terminal portion of the diaphragm elements are furnished with a toothed rack communicatively connected to the drive unit.
  3. The contour collimator according to claim 2, further comprising a guide for the diaphragm elements that is disposed directly adjacent to the drive unit.
  4. The contour collimator according to claim 3 further comprising a loose bedding that is provided for diaphragm elements on the second terminal portion of the diaphragm elements opposite to drive unit.
  5. The contour collimator according to claim 1, wherein at least two diaphragm elements are arranged with some separation, opposite and slightly offset relative to one another, and movably towards one another in more than half the distance of separation.
  6. The contour collimator according to claim 1, wherein the longitudinal axes of least two diaphragm elements form an angle over the distance from the drive unit to their facing side.

7. The contour collimator according to claim 3, wherein the first terminal portion of a diaphragm element in the area of the drive unit in the direction of movement of the diaphragm element is longer than its opposite side.
8. The contour collimator according to claim 1, wherein at least two diaphragm elements form a diaphragm group which is arranged movably in the direction of movement of the diaphragm elements in addition to the movement of individual diaphragm elements.
9. The contour collimator according to claim 8, wherein two diaphragm groups are arranged opposite one another in the direction of movement of the diaphragm elements and movably towards one another on guide rails.
10. The contour collimator according to claim 1, wherein the drive unit is equipped with a rotary potentiometer to record the position of the diaphragms.

Please add new claims 11 and 12

11. The contour collimator according to claim 1, wherein the drive units are arranged parallel to each other.
12. The contour collimator according to claim 2, wherein the toothed rack operates in conjunction with the drive unit comprising a gear wheel driven perpendicularly to the direction of movement of the diaphragms.